1	1. A system for dispensing a metered volume of heated water from the storage tank
2	to the brew chamber of a single serve beverage brewer, said system comprising:
3	a metering chamber;
4	a supply conduit connecting the storage tank to said metering
5	chamber;
6	a delivery conduit connecting said metering chamber to the brew
7	chamber; and
8	air-activated means for withdrawing heated water from said
9	storage tank into said metering chamber via said supply
10	conduit, and for expelling heated water from said metering
11	chamber via said delivery conduit to said brew chamber.

2. The system of claim 1 wherein said air-activated means comprises an air pump having suction and discharge conduits; and valve means operative in one mode for connecting said suction and discharge conduits respectively to said metering cup and to atmosphere to draw heated water from the storage tank via said supply conduit into said metering chamber while preventing water flow through said delivery conduit, and operative in an alternative mode for connecting said suction and discharge conduits respectively to atmosphere and to said metering chamber to expel heated water via said delivery conduit to said brew chamber while preventing water flow through said supply conduit.

3. The system of claim 2 wherein said valve means includes first and second valves
located respectively in said supply and delivery conduits, a third valve for alternately connecting

- 3 said suction conduit to atmosphere and to said metering chamber, and a fourth valve for
- 4 alternately connecting said discharge conduit to atmosphere and to said metering chamber.
- 1 4. The system of claim 3 wherein said third and fourth valves are connected to a common conduit leading to said metering chamber.
- 1 5. The system of claim 4 further comprising barrier means in said common conduit
- 2 for safeguarding said air pump against ingestion of water and water vapor from said metering
- 3 chamber.